

*AMENDMENTS TO THE CLAIMS*

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) An inspection device for inspecting an object passing on a conveyance path, comprising:

an upper conveyance guide plate and a lower conveyance guide plate defining the conveyance path and separated by a clearance in a range from about 2 mm to about 3 mm;

an illumination portion~~for~~ illuminating the object with light in a plurality of wavelength bands;

at least one light-receiving and detecting element~~for~~ detecting light from the object; and

a discrimination processing portion~~for~~ discriminating the object by combining data from a plurality of detection signals obtained by the light-receiving and detecting element which detects the light from the object substantially within an identical period of time when the illuminating portion illuminates the object with the light in the plurality of wavelength bands, and by comparing and collating combined data with preset reference data, wherein the discrimination processing portion obtains, as the combined data, a ratio of a plurality of detected values obtained by the light-receiving and detecting element which detects the light from the object substantially within an identical period of time when the illuminating portion illuminates the object, while in the conveyance path, with the light in the plurality of wavelength bands.

Claim 2 (Cancelled).

3. (Currently Amended) The inspection device according to Claim 1, wherein the illumination portion includes a plurality of light sources ~~for~~ emitting light beams in different wavelength bands, and a lighting control portion ~~for~~ controlling each of the light sources while individually switching the light sources.

4. (Currently Amended) The inspection device according to Claim 1, wherein the illumination portion includes a plurality of light sources ~~for~~ emitting respective light beams in different wavelength bands, and including a plurality of light-receiving and detecting elements separately located for detecting light from the object in correspondence to respective light sources when the object is illuminated with the light beams from the respective light sources.

5. (Previously Presented) The inspection device according to Claim 4, further comprising optical filters, each optical filter being disposed between the conveyance path and a respective light-receiving and detecting element, each filter transmitting only a certain light component among light components with a plurality of features from the object when the object is illuminated with the light from each light source.

6. (Previously Presented) The inspection device according to Claim 3, wherein the plurality of light sources includes a first light source emitting ultraviolet light, and a second light source emitting infrared light.

7. (Previously Presented) The inspection device according to Claim 6, including an ultraviolet removing filter disposed between the conveyance path and the light-receiving and detecting element and removing the ultraviolet light emitted from the first light source.

8. (Previously Presented) The inspection device according to Claim 6, including an ultraviolet-infrared transmitting filter disposed between the conveyance

path, the first light source, and the second light source, and removing a visible light component from the ultraviolet light emitted from the first light source and transmitting the infrared light emitted from the second light source.

9. (Currently Amended) The inspection device according to Claim 3, wherein the plurality of light sources ~~include~~ includes a first light source emitting ultraviolet light, a second light source emitting infrared light, and a third light source emitting green light.

10. (Currently Amended) The inspection device according to Claim 2, wherein the illumination portion includes a plurality of light sources ~~for~~ emitting light beams in different wavelength bands, and a lighting control portion ~~for~~ controlling each of the light sources while individually switching the light sources.

11. (Currently Amended) The inspection device according to Claim 2, wherein the illumination portion includes a plurality of light sources for emitting respective light beams in different wavelength bands, and including a plurality of light-receiving and detecting elements separately located ~~for~~ and detecting light from the object in correspondence to respective light sources when the object is illuminated with the light beams from the respective light sources.

12. (Previously Presented) The inspection device according to Claim 11, further comprising optical filters, each optical filter being disposed between the conveyance path and a respective light-receiving and detecting element, each filter transmitting only a certain light component among light components with a plurality of features from the object when the object is illuminated with the light from each light source.

13. (Previously Presented) The inspection device according to Claim 4, wherein the plurality of light sources includes a first light source emitting ultraviolet light, and a second light source emitting infrared light.

14. (Previously Presented) The inspection device according to Claim 5, wherein the plurality of light sources includes a first light source emitting ultraviolet light, and a second light source emitting infrared light.

15. (Previously Presented) The inspection device according to Claim 10, wherein the plurality of light sources includes a first light source emitting ultraviolet light, and a second light source emitting infrared light.

16. (Previously Presented) The inspection device according to Claim 11, wherein the plurality of light sources includes a first light source emitting ultraviolet light, and a second light source emitting infrared light.

17. (Previously Presented) The inspection device according to Claim 12, wherein the plurality of light sources includes a first light source emitting ultraviolet light, and a second light source emitting infrared light.

18. (Currently Amended) The inspection device according to Claim 4, wherein the plurality of light sources ~~include~~ includes a first light source emitting ultraviolet light, a second light source emitting infrared light, and a third light source emitting green light.

19. (Currently Amended) The inspection device according to Claim 5, wherein the plurality of light sources ~~include~~ includes a first light source emitting ultraviolet light, a second light source emitting infrared light, and a third light source emitting green light.

20. (New) The inspection device according to Claim 7, including an ultraviolet-infrared transmitting filter disposed between the conveyance path, the first light source, and the second light source, and removing a visible light component from the ultraviolet light emitted from the first light source and transmitting the infrared light emitted from the second light source.